



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional).

<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

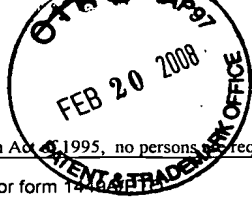
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449, PTO/SB/08a				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/585,376
				Filing Date	January 31, 2008
				First Named Inventor	Gil ZWIRN et al
				Group Art Unit	Not Yet Available
				Examiner Name	Not Yet Available
Sheet	2	of	2	Attorney Docket Number	32187
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	10	Bjærum et al. "Clutter Filters Adapted to Tissue Motion in Ultrasound Color Flow Imaging", IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 49(6): 693-704, 2002.			
	11	Desco et al. "Myocardial Perfusion Assessment With Contrast Echocardiography", Medical Imaging: Ultrasonic Imaging and signal Processing, Proceedings of SPIE, 4325: 514-522, 2001.			
	12	Krishna et al. "Subharmonic Generation From Ultrasonic Contrast Agents", Physics in Medicine and Biology, 44(3): 681-694, 1999.			
	13	Lafitte et al. "Contrast Echocardiography Can Assess Risk Area and Infarct Size During Coronary Occlusion and Reperfusion: Experimental Validation", Journal of the American College of Cardiology, 39: 1546-1554, 2002.			
	14	Mor-Avi et al. "Digital Path-Dependent Recompensation of Contrast-Enhanced Echocardiographic Images", Ultrasound in Medicine & Biology, 18(10): 831-842, 1992. Abstract.			
	15	Mor-Avi et al. "Myocardial Regional Blood Flow: Quantitative Measurement by Computer Analysis of Contrast Enhanced Echocardiographic Images", Ultrasound in Medicine & Biology, 19(8): 619-633, 1993. Abstract.			
	16	Mor-Avi et al. "Myocardial Transit Time of the Echocardiographic Contrast Media", Ultrasound in Medicine & Biology, 19(8): 635-648, 1993. Abstract.			
	17	Moseley "Evaluation of Abnormal Liver Function Tests", Medical Clinics of North America, 80(5): 887-906, 1996.			
	18	Oh et al. "Correlation of Regional Wall Motion Abnormalities Detected by Two-Dimensional Echocardiography With Perfusion Defect Determined by Technetium 99m Sestamibi Imaging in Patients Treated With Reperfusion Therapy During Acute Myocardial Infarction", American Heart Journal, 131: 32-37, 1996.			
	19	Sheehan et al. "Advantages and Applications of the Centerline Method for Characterizing Regional Ventricular Function", Circulation, 74: 293-305, 1986.			
	20	Yoo et al. "Adaptive Clutter Filtering for Ultrasound Color Flow Imaging", Ultrasound in Medicine & Biology, 29(9): 1311-1320, 2003.			
	21	Yuda et al. "Use of Cyclic Variation of Integrated Backscatter to Assess Contractile Reserve and Myocardial Viability in Chronic Ischemic Left Ventricular Dysfunction", Echocardiography, 19(4): 279-287, 2002.			
Examiner Signature				Date Considered	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional).

<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450